

File Copy 09/18, 740

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	41	mevalonate.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:11		
2	BRS	12	mevalonate.ti. and isoprenoid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:15		
3	BRS	101	mevalonate and isoprenoid	USPAT	2003/05/01 11:15		
4	BRS	72	(mevalonate and isoprenoid) and plant	USPAT	2003/05/01 11:15		
5	BRS	0	((mevalonate and isoprenoid) and plant) and mevalonate.ti.	USPAT	2003/05/01 11:16		
6	BRS	101	mevalonate and isoprenoid	USPAT	2003/05/01 11:16		
7	BRS	72	(mevalonate and isoprenoid) and plant	USPAT	2003/05/01 11:16		
8	BRS	0	((mevalonate and isoprenoid) and plant) and mevalonate.ti.	USPAT	2003/05/01 11:16		
9	BRS	0	((mevalonate and isoprenoid) and plant) and mevalonate.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:17		
10	BRS	175	mevalonate and isoprenoid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:17		
11	BRS	113	(mevalonate and isoprenoid) and plant	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:17		
12	BRS	5	((mevalonate and isoprenoid) and plant) and mevalonate.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:21		
13	BRS	61	mevalonate and herbicide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:23		
14	BRS	34	(mevalonate and herbicide) and plant.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 11:24		

	Errors
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
15	BRS	193	mevalonate and plant	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 14:32		
16	BRS	157	(mevalonate and plant) and transform\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 14:32		
17	BRS	18	((mevalonate and plant) and transform\$5) and (hmg adj coa adj synthase)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 15:00		
18	BRS	1	((mevalonate and plant) and transform\$5) and (ghmp adj kinase)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/01 15:00		

	Errors
15	0
16	0
17	0
18	0

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002029068	A2	20020411	WO 2001-EP11629	20011008
	WO 2002029068	A3	20021003		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10049587	A1	20020502	DE 2000-10049587	20001006
	AU 2002014003	A5	20020415	AU 2002-14003	20011008
PRAI	DE 2000-10049587	A	20001006		
	WO 2001-EP11629	W	20011008		

L3 ANSWER 7 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:526224 BIOSIS
DN PREV200100526224
TI Strategies for expressing multiple foreign genes in **plants** as **polycistronic** constructs.
AU Hunt, Arthur G. (1); Maiti, Indu B.
CS (1) Department of Agronomy, N212A Agriculture Science Center North, 500 South Limestone Street, Lexington, KY, 40546-0091: aghunt00@pop.uky.edu USA
SO In Vitro Cellular & Developmental Biology Plant, (May June, 2001) Vol. 37, No. 3, pp. 313-320. print.
ISSN: 1054-5476.
DT General Review
LA English
SL English

Q#585 IS P.L.P.?

L3 ANSWER 12 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
3
AN 1995:453436 BIOSIS
DN PREV199598467736
TI Expression pattern of bacterial **polycistronic** genes in tobacco cells.
AU Cho, Hyeon-Je; Morikawa, Hiromichi; Murooka, Yoshikatsu (1)
CS (1) Dep. Biotechnol., Fac. Engineering, Osaka Univ., 2-1 Yamadaoka, Suita, Osaka 565 Japan
SO Journal of Fermentation and Bioengineering, (1995) Vol. 80, No. 2, pp. 111-117.
ISSN: 0922-338X.
DT Article
LA English

- Adonis -

=> d his

(FILE 'HOME' ENTERED AT 08:59:23 ON 02 MAY 2003)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 08:59:27 ON 02 MAY 2003

L1 364 S POLYCISTRONIC AND PLANT
L2 17 S L1 AND (POLYCISTRONIC (S) VECTOR)
L3 13 DUP REM L2 (4 DUPLICATES REMOVED)

=>

L6 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2003 ACS
AN 2000:338858 CAPLUS
DN 134:96022
TI **Polycistronic** translation in **plants**. What can we learn
from viruses
AU Hohn, T.; Corsten, S.; Hemmings-Miesczak, M.; Hyun-Sook, P.; Poogin, M.;
Ryabova, L.; Stavolone, L.; Zeyenko, V.; Atabekov, J.; Skulachev, M.;
Futterer, J.
CS 1. FMI, Basel, Switz.
SO Developments in Plant Genetics and Breeding (2000), 5(Plant Genetic
Engineering Towards the Third Millennium), 126-129
CODEN: DPGBD6; ISSN: 0168-7972
PB Elsevier
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
5
AN 1996:537181 BIOSIS
DN PREV199699259537
TI Efficient translation of distal cistrons of a **polycistronic** mRNA
of a **plant** pararetrovirus requires a compatible interaction
between the mRNA 3' end and the proteinaceous trans-activator.
AU Edskes, Herman K. (1); Kiernan, Jennifer M.; Shepherd, Robert J.
CS (1) Section Genetics Simple Eukaryotes, Lab. Biochemical Pharmacology,
Natl. Inst. Diabetes Digestive and Kidney Diseases, Build. 8, Room 225, 8
Center Dr., MSC 0830, Natl. Inst. Health, Bethesda, MD 20892-0830 USA
SO Virology, (1996) Vol. 224, No. 2, pp. 564-567.
ISSN: 0042-6822.
DT Article
LA English

Adonis

L6 ANSWER 14 OF 19 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 7
AN 95:54206 AGRICOLA
DN IND20476204
TI **Expression** of a chimeric uidA gene indicates that
polycistronic mRNAs are efficiently translated in tobacco
plastids.
AU Staub, J.M.; Maliga, P.
CS Yale University, New Haven, CT.
AV DNAL (QK710.P68)
SO The Plant journal : for cell and molecular biology, May 1995. Vol. 7, No.
5. p. 845-848
Publisher: Oxford : Blackwell Scientific Publishers and BIOS Scientific
Publishers in association with the Society for Experimental Biology,
c1991-
ISSN: 0960-7412
NTE Includes references
CY England; United Kingdom
DT Article
FS Non-U.S. Imprint other than FAO
LA English

QK 728 .P53

L6 ANSWER 16 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
8
AN 1995:453436 BIOSIS
DN PREV199598467736
TI **Expression** pattern of bacterial **polycistronic** genes in
tobacco cells.
AU Cho, Hyeon-Je; Morikawa, Hiromichi; Murooka, Yoshikatsu (1)
CS (1) Dep. Biotechnol., Fac. Engineering, Osaka Univ., 2-1 Yamadaoka, Suita,
Osaka 565 Japan
SO Journal of Fermentation and Bioengineering, (1995) Vol. 80, No. 2, pp.

Adonis

111-117.
ISSN: 0922-338X.
DT Article
LA English

=> d his

(FILE 'HOME' ENTERED AT 08:59:23 ON 02 MAY 2003)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 08:59:27 ON 02 MAY 2003

L1 364 S POLYCISTRONIC AND PLANT
L2 17 S L1 AND (POLYCISTRONIC (S) VECTOR)
L3 13 DUP REM L2 (4 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 09:03:23 ON 02 MAY 2003

FILE 'STNGUIDE' ENTERED AT 09:07:38 ON 02 MAY 2003

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 09:07:42 ON 02 MAY 2003

L4 117 S L1 AND (POLYCISTRONIC (S) EXPRESSION)
L5 35 S L4 AND POLYCISTRONIC/TI
L6 19 DUP REM L5 (16 DUPLICATES REMOVED)

L4 ANSWER 29 OF 34 CAPLUS COPYRIGHT 2003 ACS
AN 1995:845913 CAPLUS
DN 123:251187
TI Regulation of terpenoid biosynthesis in **plants** and its relation
to the biosynthesis of phenolic compounds
AU Paseshnichenko, V. A.
CS Bakh Institute of Biochemistry, Russian Academy of Sciences, Leninskii,
117071, Russia
SO Russian Journal of Plant Physiology (Translation of Fiziologiya Rastenii
(Moscow)) (1995), 42(5), 699-714
CODEN: RJPPE2; ISSN: 1021-4437
PB MAIK Nauka/Interperiodica
DT Journal; General Review
LA English

NA

L4 ANSWER 25 OF 34 CAPLUS COPYRIGHT 2003 ACS
AN 1997:793680 CAPLUS
DN 128:59338
TI Two independent biochemical pathways for isopentenyl diphosphate and
isoprenoid biosynthesis in higher **plants**
AU Lichtenthaler, Hartmut K.; Rohmer, Michel; Schwender, Jorg
CS Botanisches Inst. II, Univ. Karlsruhe, Karlsruhe, D-76128, Germany
SO Physiologia Plantarum (1997), 101(3), 643-652
CODEN: PHPLAI; ISSN: 0031-9317
PB Munksgaard International Publishers Ltd.
DT Journal; General Review
LA English

QK1 P575

L10 ANSWER 27 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
9
AN 1991:459756 BIOSIS
DN BA92:104536
TI ASPECTS RELATED TO MEVALONATE BIOSYNTHESIS IN **PLANTS**.
AU BACH T J; BORONAT A; CAELLES C; FERRER A; WEBER T; WETTSTEIN A
CS UNIV. KARLSRUHE, BOTANIK II, KAISERSTR. 12, D-7500 KARLSRUHE 1, GER.
SO LIPIDS, (1991) 26 (8), 637-648.
CODEN: LPDSAP. ISSN: 0024-4201. MF
FS BA; OLD
LA English

L10 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2003 ACS
AN 1991:446157 CAPLUS
DN 115:46157
TI Aspects related to 3-hydroxy-3-methylglutaryl-CoA synthesis in higher
plants
AU Alam, Aftab; Britton, George; Powls, Roy; Goad, John
CS Dep. Biochem., Univ. Liverpool, Liverpool, L69 3BX, UK
SO Biochemical Society Transactions (1991), 19(2), 164S
CODEN: BCSTB5; ISSN: 0300-5127 QH345 .B5
DT Journal
LA English

L10 ANSWER 22 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
6
AN 1996:67547 BIOSIS
DN PREV199698639682
TI Biosynthesis of 3S-hydroxy-3-methylglutaryl-coenzyme A in Catharanthus
roseus: Acetoacetyl-CoA thiolase and **HMG-CoA**
synthase show similar chromatographic behaviour.
AU Van Der Heijden, Robert (1); Verpoorte, Robert; Duine, Johannis A.
CS (1) Div. Pharmacognosy, Leiden/Amsterdam Cent. Drug Res., Gorlaeus Lab.,
P.O. Box 9502, 2300 RA Leiden Netherlands
SO Plant Physiology and Biochemistry (Montrouge), (1994) Vol. 32, No. 6, pp.
807-812.
ISSN: 0981-9428.
DT Article
LA English

L10 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2003 ACS
AN 1995:706962 CAPLUS
DN 123:134345
TI Molecular cloning of radish acetoacetyl-coenzyme A thiolase by genetic
complementation of a yeast mutant
AU Vollack, Kai-Uwe; Bach, Thomas J.
CS Botanisches Institut II, Universitat Karlsruhe, Karlsruhe, D-76128,
Germany
SO Plant Lipid Metabolism, [Papers presented at the International Meeting on
Plant Lipids] -- 11th, Paris, June 26-July 1, 1994 (1995), Meeting Date
1994, 335-7. Editor(s): Kader, Jean-Claude; Mazliak, Paul. Publisher:
Kluwer, Dordrecht, Neth.
CODEN: 61OZAO
DT Conference
LA English

L10 ANSWER 12 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2003:119985 BIOSIS
DN PREV200300119985
TI Regulation of the central isoprenoid pathway in elicited tobacco cells.
AU Ray, Philip D. (1); Chappell, Joe (1)
CS (1) Plant Physiology/Biochemistry/Molecular Biology Program, University of
Kentucky, Lexington, KY, USA USA
SO Plant Biology (Rockville), (1998) Vol. 1998, pp. 122. print.
Meeting Info.: Annual Meeting of the American Society of Plant
Physiologists combined with the 9th International Conference on
Arabidopsis Research Madison, WI, USA June 27-July 01, 1998 American
Society of Plant Physiologists (ASPP)

DT Conference
LA English

L10 ANSWER 7 OF 28 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:114407 BIOSIS
DN PREV200100114407
TI Regulation of the expression of 3-hydroxy-3-methylglutaryl coenzymeA (HMG-CoA) synthase genes in Hevea brasiliensis.
AU Suwanmanee, Pluang (1); Sirinupong, Nualpun (1); Suvachittanont, Wallie (1)
CS (1) Biochemistry Department, Faculty of Science, Prince of Songkla University, Hat Yai, Songkhla, 90112 Thailand
SO Biochemical Society Transactions, (October, 2000) Vol. 28, No. 5, pp. A451. print.
Meeting Info.: 18th International Congress of Biochemistry and Molecular Biology Birmingham, UK July 16-20, 2000
ISSN: 0300-5127.

DT Conference
LA English
SL English

L10 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2003 ACS
AN 2002:107554 CAPLUS
DN 136:164278
TI Manipulation of genes for enzymes of the mevalonate and isoprenoid biosynthesis to create novel traits in transgenic organisms
IN Hahn, Frederick M.; Kuehnle, Adelheid R.
PA USA
SO PCT Int. Appl., 193 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002010398	A2	20020207	WO 2001-US24037	20010731
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003033626	A1	20030213	US 2001-918740	20010731
PRAI	US 2000-221703P	P	20000731		

L12 ANSWER 32 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1993:599841 CAPLUS

DN 119:199841

TI Plant carrying genes coding for enzymes of the phytosterol biosynthesis pathway and process for the production of same

IN Lejeune, Fabienne; Tourte, Monique; Oulmouden, Ahmad; Karst, Francis

PA Verneuil Recherche, Fr.

SO PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9316187	A1	19930819	WO 1993-FR134	19930209
	W: CA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2687284	A1	19930820	FR 1992-1712	19920214
	FR 2687284	B1	19950623		
	EP 626014	A1	19941130	EP 1993-905378	19930209
	EP 626014	B1	20011024		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	AT 207540	E	20011115	AT 1993-905378	19930209
PRAI	FR 1992-1712	A	19920214		
	WO 1993-FR134	W	19930209		

L12 ANSWER 30 OF 42 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 13

AN 1995:227303 BIOSIS

DN PREV199598241603

TI Some new aspects of isoprenoid biosynthesis in plants-a review.

AU Bach, Thomas J.

CS C.N.R.S.-I.B.M.P. Dep. d'Enzymologie Cellulaire et Moleculaire, Inst. de Botanique, Universite Louis Pasteur, F-67083 Strasbourg France

SO Lipids, (1995) Vol. 30, No. 3, pp. 191-202.

ISSN: 0024-4201.

DT General Review

LA English

L12 ANSWER 27 OF 42 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)

AN 95:54195 AGRICOLA

DN IND20476193

TI Co-expression of native and introduced genes reveals cryptic regulation of HMB CoA reductase expression in Arabidopsis.

AU Re, E.B.; Jones, D.; Learned, R.M.

CS University of California, Davis, CA.

AV DNAL (QK710.P68)

SO The Plant journal : for cell and molecular biology, May 1995. Vol. 7, No. 5. p. 771-784

Publisher: Oxford : Blackwell Scientific Publishers and BIOS Scientific Publishers in association with the Society for Experimental Biology, c1991-

ISSN: 0960-7412

NTE Includes references

CY England; United Kingdom

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L12 ANSWER 26 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 1995:1004323 CAPLUS

DN 124:50735

TI Is the reaction catalyzed by 3-hydroxy-3-methylglutaryl coenzyme A reductase a rate-limiting step for isoprenoid biosynthesis in plants?

MF

QK 728 .P53

L4 ANSWER 8 OF 34 CAPLUS COPYRIGHT 2003 ACS
AN 2002:694840 CAPLUS
DN 137:366039
TI **Mevalonate** and nonmevalonate pathways for the biosynthesis of
isoprene units
AU Kuzuyama, Tomohisa
CS Institute of Molecular and Cellular Biosciences, University of Tokyo,
Tokyo, 113-0032, Japan
SO Bioscience, Biotechnology, and Biochemistry (2002), 66(8), 1619-1627
CODEN: BBBIEJ; ISSN: 0916-8451
PB Japan Society for Bioscience, Biotechnology, and Agrochemistry
DT Journal; General Review
LA English
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2003 ACS
AN 2002:118021 CAPLUS
DN 136:115400
TI Approaches to unique technologies for regulation of **plant** growth
functions
AU Yoshida, Shigeo; Muranaka, Toshiya
CS Botanical Sci. Res. Cent., RIKEN, Japan
SO Nippon Nogei Kagaku Kaishi (2002), 76(1), 37-41
CODEN: NNKKAA; ISSN: 0002-1407
PB Nippon Nogei Kagakkai
DT Journal; General Review
LA Japanese

L4 ANSWER 15 OF 34 CAPLUS COPYRIGHT 2003 ACS
AN 2000:602856 CAPLUS
DN 134:15189
TI Discovery of the two parallel pathways for isoprenoid biosynthesis in
plants
AU Lichtenthaler, Hartmut K.
CS Botanical Institute, University of Karlsruhe, Karlsruhe, D-76128, Germany
SO Discoveries in Plant Biology (2000), 3, 141-161
CODEN: DPBIF4
PB World Scientific Publishing Co. Pte. Ltd.
DT Journal; General Review
LA English
RE.CNT 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

DN PREV200300021729
 TI Dual analysis of the **mevalonate** and **mevalonate**
 -independent pathways involved in terpenoid biosynthesis using
transformed roots of *Artemisia annua* as a model system.
 AU Souret, Fred F. (1); Weathers, Pamela J. (1); Wobbe, Kristin K.
 CS (1) Biology and Biotechnology Department, Worcester Polytechnic Institute,
 Worcester, MA, USA: souret@wpi.edu USA
 SO Plant Biology (Rockville), (2001) Vol. 2001, pp. 148. print.
 Meeting Info.: Joint Annual Meetings of the American Society of Plant
 Biologists and the Canadian Society of Plant Physiologists Providence,
 Rhode Island, USA July 21-25, 2001 American Society of Plant Biologists

DT Conference
 LA English

L12 ANSWER 1 OF 42 CAPLUS COPYRIGHT 2003 ACS

AN 2003:155124 CAPLUS

DN 138:200990

TI Cloning and sequences of **plant mevalonate** synthesis
 enzymes, construction and expression of chimeric genes and application to
 inhibitor screening

IN Falco, Saverio Carl; Kinney, Anthony J.; Famodu, Omolayo O.;
 Restrepo-Hartwig, Maria

PA USA

SO U.S. Pat. Appl. Publ., 49 pp., Cont. of U. S. Ser. No. 433,982.
 CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003041338	A1	20030227	US 2002-142835	20020510
PRAI	US 1998-107277P	P	19981105		
	US 1999-433982	A1	19991104		

=> d his

(FILE 'HOME' ENTERED AT 14:11:44 ON 01 MAY 2003)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 14:11:50 ON 01 MAY 2003

L1 1072 S MEVALONATE AND PLANT
 L2 94 S L1 AND REVIEW
 L3 76 DUP REM L2 (18 DUPLICATES REMOVED)
 L4 34 S L3 AND (MEVALONATE PATHWAY)
 L5 791 S HMG COA SYNTHASE
 L6 0 S L5 AND GHMP KINASE
 L7 15 S GHMP KINASE
 L8 7 DUP REM L7 (8 DUPLICATES REMOVED)
 L9 42 S L5 AND PLANT
 L10 28 DUP REM L9 (14 DUPLICATES REMOVED)
 L11 66 S L1 AND TRANSFORM#####
 L12 42 DUP REM L11 (24 DUPLICATES REMOVED)

AU Chappell, Joseph; Wolf, Fred; Proulx, Jeanne; Cuellar, Rick; Saunders,
Court
CS Plant Physiology/Biochemistry/Molecular Biology Program, University of
Kentucky, Lexington, KY, 40546-0091, USA
SO Plant Physiology (1995), 109(4), 1337-43
CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English

L12 ANSWER 23 OF 42 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 8

AN 1999:58596 AGRICOLA

DN IND21995648

TI Expression of the yeast **mevalonate** kinase gene in transgenic
tobacco.

AU Champenoy, S.; Tourte, M.

CS IBMIG, Poitiers.

SO Molecular breeding : new strategies in plant improvement, Aug 1998. Vol.
4, No. 4. p. 291-300

Publisher: Dordrecht ; Boston : Kluwer Academic Publishers, c1995-

CODEN: MOBRFL; ISSN: 1380-3743.

NTE Includes references

CY Netherlands

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L12 ANSWER 18 OF 42 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003)

AN 1999:76614 AGRICOLA

DN IND22011804

TI Heterologous expression in *Saccharomyces cerevisiae* of an *Arabidopsis*
thaliana cDNA encoding **mevalonate** diphosphate decarboxylase.

AU Cordier, H.; Karst, F.; Berges, T.

CS Institut de Biologie Moléculaire et d'Ingénierie Génétique, Poitiers,
France.

AV DNAL (QK710.P62)

SO Plant molecular biology, Mar 1999. Vol. 39, No. 5. p. 953-967

Publisher: Dordrecht : Kluwer Academic Publishers.

CODEN: PMBIDB; ISSN: 0167-4412

NTE The accession Y14325A does not conform to standard format.

Includes references

CY Netherlands

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L12 ANSWER 16 OF 42 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2000:241294 BIOSIS

DN PREV200000241294

TI Molecular cloning and expression analysis of the **mevalonate**
kinase gene from *Arabidopsis thaliana*.

AU Lluch, Ma. Antonia; Masferrer, Angela; Arro, Montserrat; Boronat, Albert;
Ferrer, Albert (1)

CS (1) Departament de Bioquímica i Biologia Molecular, Facultat de Farmàcia,
Universitat de Barcelona, Avda. Diagonal 643, 08028, Barcelona Spain

SO Plant Molecular Biology, (Jan., 2000) Vol. 42, No. 2, pp. 365-376.

ISSN: 0167-4412.

DT Article

LA English

SL English

L12 ANSWER 13 OF 42 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2003:21729 BIOSIS

QH433.P5

L3 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:964475 CAPLUS
 DN 138:20498
 TI Production of proteins in **plants** by using expression vectors
 comprising a transcription initiator and a plurality structure genes
 IN Hall, Gerald; Bascomb, Newell; Bossie, Mark
 PA Icon Genetics, Inc., USA
 SO PCT Int. Appl., 40 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002101006	A2	20021219	WO 2002-US17927	20020607
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003084482	A1	20030501	US 2002-165420	20020607
PRAI	US 2001-297103P	P	20010608		

L3 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:555665 CAPLUS
 DN 137:120675
 TI Linker sequences for use in **polycistronic** expression constructs
 for **plant** seed and the engineering of seed fatty acid profiles
 IN Lerchl, Jens; Duwenig, Elke; Bischoff, Friedrich; Heinz, Ernst; Drexler, Hjoerdis; Scheffler, Jodi
 PA Basf Plant Science G.m.b.H., Germany
 SO PCT Int. Appl., 229 pp.
 CODEN: PIXXD2

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002057464	A2	20020725	WO 2002-EP461	20020118
	WO 2002057464	A3	20030227		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10102338	A1	20020725	DE 2001-10102338	20010119
PRAI	DE 2001-10102338	A	20010119		

L3 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:276170 CAPLUS
 DN 136:305094
 TI Crucifer tobamovirus vector containing internal ribosome entry sites for
 cap-independent translation of heterologous genes in transgenic
plants
 IN Gleba, Yuri; Dorokov, Yurii; Ivanov, Peter; Atabekov, Joseph
 PA Icon Genetics A.-G., Germany
 SO PCT Int. Appl., 90 pp.
 CODEN: PIXXD2

L6 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2003 ACS
 TI Linker sequences for use in **polycistronic expression** constructs for **plant** seed and the engineering of seed fatty acid profiles

L6 ANSWER 2 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI **Polycistronic** gene **expression** in yeast versus cryptic promoter elements.

L6 ANSWER 3 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
 TI Introduction of bacterial metabolism into higher **plants** by **polycistronic** transgene **expression**.

L6 ANSWER 4 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
 TI Strategies for expressing multiple foreign genes in **plants** as **polycistronic** constructs.

L6 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2003 ACS
 TI **Polycistronic** translation in **plants**. What can we learn from viruses

L6 ANSWER 6 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI A novel snRNA gene cluster in yeast is transcribed as **polycistronic** pre-snRNAs.

L6 ANSWER 7 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI **Expression** of the cauliflower mosaic virus **polycistronic** 35S RNA in yeast.

L6 ANSWER 8 OF 19 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 3
 TI The chloroplast atpA gene cluster in Chlamydomonas reinhardtii. Functional analysis of a **polycistronic** transcription unit.

L6 ANSWER 9 OF 19 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.
 TI Rice tungro bacilliform virus open reading frames II and III are translated from **polycistronic** pregenomic RNA by leaky scanning.

L6 ANSWER 10 OF 19 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 4
 TI Multiple widely spaced elements determine the efficiency with which a distal cistron is expressed from the **polycistronic** pregenomic RNA of figwort mosaic caulimovirus.

L6 ANSWER 11 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 5
 TI Efficient translation of distal cistrons of a **polycistronic** mRNA of a **plant** pararetrovirus requires a compatible interaction between the mRNA 3' end and the proteinaceous trans-activator.

L6 ANSWER 12 OF 19 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 6
 TI **Expression** of a **plant** viral **polycistronic** mRNA in yeast, Saccharomyces cerevisiae, mediated by a **plant** virus translational transactivator.

L6 ANSWER 13 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 TI **Expression** of a **polycistronic** mRNA in yeast, Saccharomyces cerevisiae, mediated by a **plant** virus translational transactivator.

- L6 ANSWER 14 OF 19 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 7
- TI **Expression** of a chimeric uidA gene indicates that **polycistronic** mRNAs are efficiently translated in tobacco plastids.
- L6 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2003 ACS
- TI Figwort mosaic virus, a caulimovirus, regulates the **expression** of its genes via transactivation of a **polycistronic** mRNA
- L6 ANSWER 16 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 8
- TI **Expression** pattern of bacterial **polycistronic** genes in tobacco cells.
- L6 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2003 ACS
- TI The full-length transcript of a caulimovirus is a **polycistronic** mRNA whose genes are trans activated by the product of gene VI
- L6 ANSWER 18 OF 19 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 9
- TI Translation of a **polycistronic** mRNA in the presence of the cauliflower mosaic virus transactivator protein.
- L6 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2003 ACS
- TI **Expression** from **polycistronic** cauliflower mosaic virus pregenomic RNA

- L3 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Production of proteins in **plants** by using expression vectors comprising a transcription initiator and a plurality structure genes
- L3 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI The use of double and opposite recombination sites for the single-step cloning of two DNA segments
- L3 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Genes for enzymes of polyunsaturated fatty acid synthesis of *Phaeodactylum* and their use in engineering seed oil composition
- L3 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Linker sequences for use in **polycistronic** expression constructs for **plant** seed and the engineering of seed fatty acid profiles
- L3 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Crucifer tobamovirus vector containing internal ribosome entry sites for cap-independent translation of heterologous genes in transgenic **plants**
- L3 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Construction of chimeric gene containing *Arabidopsis thaliana* plastid *clpP* and *psbB* gene promoters linked to genes (*PPO*, *hemG* or *hemY*) encoding resistance to herbicides, and their use in transforming **plants**
- L3 ANSWER 7 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Strategies for expressing multiple foreign genes in **plants** as **polycistronic** constructs.
- L3 ANSWER 8 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Plasmid shuffling manipulation of essential genes in *Synechocystis* PCC6803: Mutational analysis of the **plant**-like ferredoxin.
- L3 ANSWER 9 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 1
TI Targeted deletion and mutational analysis of the essential (2Fe-2S) **plant**-like ferredoxin in *Synechocystis* PCC6803 by plasmid shuffling.
- L3 ANSWER 10 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI In vitro translation of the full-length RNA transcript of figwort mosaic virus (caulimovirus).
- L3 ANSWER 11 OF 13 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 2
TI Expression of a **plant** viral **polycistronic** mRNA in yeast, *Saccharomyces cerevisiae*, mediated by a **plant** virus translational transactivator.
- L3 ANSWER 12 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 3
TI Expression pattern of bacterial **polycistronic** genes in tobacco cells.
- L3 ANSWER 13 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI EXPRESSION OF TOBACCO MOSAIC VIRUS COAT PROTEIN BY A CAULIFLOWER MOSAIC VIRUS PROMOTER IN **PLANTS** TRANSFORMED BY AGROBACTERIUM.